

(Container)



**Dow AgroSciences**

# Golden Eagle™ Fungicide

GROUP	3	FUNGICIDE
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## COMMERCIAL

READ THE LABEL AND BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

GUARANTEE: Myclobutanil 0.39%

Granular

Warning: Contains the allergen peanuts

REGISTRATION NO. 29974 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 0.1 kg - bulk

### **Dow AgroSciences Canada Inc.**

Suite 2100, 450 - 1 Street S.W.

Calgary, Alberta

T2P 5H1

1-800-667-3852

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

**PRECAUTIONS**  
**KEEP OUT OF REACH OF CHILDREN**  
**DO NOT APPLY BY AIR**

Hazardous to humans and domestic animals. Causes eye irritation. A potential skin sensitizer. May cause irritation to the nose, throat and skin. Harmful if swallowed, inhaled, or absorbed through the skin. **DO NOT** get in eyes, on skin or breathe spray mist.

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

Keep the following personal protective equipment immediately available for use in case of emergency (i.e., a broken package, spill, or equipment breakdown): chemical-resistant coveralls, chemical-resistant gloves, chemical-resistant foot wear, chemical-resistant head gear and a respirator.

Use only properly calibrated ground or hand held equipment as specified by the label.

Use only properly calibrated ground or hand held equipment for turf applications.

Not for use by homeowners or other uncertified users.

**DO NOT** use in residential areas (excepting golf courses). Residential areas are defined as sites where bystanders including children may be potentially exposed during or after spraying. This includes around homes, school, parks, playgrounds, playing fields, public buildings or any other areas where the general public including children could be exposed.

**Personal Protective Equipment**

Wear goggles, mid-forearm to elbow-length chemical-resistant gloves, chemical-resistant footwear, a wide brimmed hat, chemical-resistant coveralls over long pants and a long-sleeved shirt and an appropriate respirator when mixing, loading, and applying this product. Pants or coveralls should be worn outside footwear to prevent pooling within boots.

Remove protective equipment immediately after handling this product. Wash outside of gloves and footwear before removing. As soon as possible, wash thoroughly and change into clean clothing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them. Contaminated clothing must be laundered separately in hot water before reusing. Wash hands and face thoroughly after handling and before eating, drinking, chewing gum, smoking, or using toilet.

**DO NOT** enter treated areas for a minimum of 12 hours for all crops (unless a longer REI is specified) or until sprays have dried for golf courses. Wear gloves, long sleeved shirts, long pants, a hat and work boots when entering treated areas, including greenhouses, for harvesting, pruning, thinning, suckering or for any other agricultural practice in the treated area. **DO NOT** apply this product in such a manner as to directly, or through drift, expose workers or other persons. Unprotected persons must be vacated from the area being treated. Only protected handlers may be in the area during application.

#### **FIRST AID**

**Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

#### **TOXICOLOGICAL INFORMATION**

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient.

#### **AGRICULTURAL CHEMICAL**

Do not ship or store with food, feeds, drugs or clothing.

#### **ENVIRONMENTAL HAZARDS**

**TOXIC** to birds and small wild mammals. **TOXIC** to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under **DIRECTIONS FOR USE**. The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable ( for example, sandy soil) and/or the depth to the water table is shallow. To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

### **STORAGE**

Store in a cool, dry area. To prevent contamination, store this product away from food or feed. Pesticide wastes are toxic. Improper disposal of excess pesticide is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact the provincial regulatory agency or the manufacturer.

### **DISPOSAL**

#### **Recyclable Containers:**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

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#### **Returnable Containers:**

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For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.



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## **GENERAL INFORMATION**

Golden Eagle Fungicide is a systemic, protectant and curative fungicide recommended for the control of specific diseases mentioned on this label. Optimum disease control is achieved when the fungicide is applied in a regularly scheduled preventive program. When disease pressure is high or when used as a curative treatment, use the higher rate of Golden Eagle Fungicide.

## **GENERAL USE PRECAUTIONS**

- Do not graze livestock on treated area. Do not feed clippings from treated areas to livestock or poultry.
- To avoid product pick-up, lightly irrigate treated areas soon after application.
- On short cut bentgrass (12 millimetres or less) when temperatures are above 27 degrees Celsius, apply only to dry foliage.

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Avoid application of this product when winds are gusty.

**DO NOT** apply by air.

## **Use Rate Determination**

Carefully read, understand, and follow label use rates and restrictions. For proper application, determine the size of the area to be treated and the recommended label use rate to be applied to the area. Careful calibration of application equipment is recommended prior to use.



## **DIRECTIONS FOR USE**

READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC FUNGICIDE CONTROL OR CROP DAMAGE.

Golden Eagle Fungicide should be used in conjunction with turf management practices that promote good plant health and optimum disease control. The key to selecting a fungicide is the proper diagnosis of the organism causing the disease. Diagnostic kits, extension experts, or other identification methods should be used when developing disease control strategies. Optimum disease control is achieved when Golden Eagle is applied in a preventative disease control program.

### **Application Directions**

Optimum disease control is achieved when Golden Eagle Fungicide is applied in a preventative disease control program at a rate specified below. Apply with calibrated equipment to ensure thorough coverage.

Apply with drop or rotary spreaders designed to apply granules. Before each application, calibrate the spreader to deliver the recommended application rate. A more uniform application can be made by spreading half of the required amount over the area in a given direction and then applying the remaining half at a right angle to the previous direction. Avoid streaking, skip or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules.

### **DOLLAR SPOT**

For the control of Dollar Spot, apply 1.5 to 1.87 kilograms of Golden Eagle Fungicide per 100 square metres. Start applications before or immediately after the first signs or symptoms of disease development. Best disease control is achieved when the Golden Eagle Fungicide is applied on a 14 day protectant schedule. Do not apply more than 2 applications per year, with a minimum of 14 days between applications.

Under optimum conditions for severe disease development, apply Golden Eagle Fungicide at the rate of 1.87 kilograms per 100 square metres rate.

Rotate the use of Golden Eagle Fungicide with a fungicide with a different mode of action.

Observe a maximum application rate for golf course turf of 1.87 kilograms per 100 square meters (0.73 kg a.i./ha) and a maximum area treated per day of 8 hectares.

### **Restricted Entry Interval (REI)**

REI for mowing, watering, irrigation, aerating, fertilizing, hand pruning, repair, mechanical weeding, scouting, seeding, cup changing, grooming is until spray has dried.

REI for transplanting treated turf is 12 days.

### **BUFFER ZONES**

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial habitat
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Turfgrass (golf courses)	1	0	1	1	1

### RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Golden Eagle Fungicide contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to Golden Eagle Fungicide and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of Golden Eagle Fungicide or other Group 3 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group when such use is permitted.
- Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.

Where possible, make use of predictive disease models to effectively time fungicide/bactericide applications.

Monitor treated fungal populations for resistance development. Notify Dow AgroSciences Canada Inc. if reduced sensitivity of the pathogen to Golden Eagle Fungicide is suspected.

- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact Dow AgroSciences Canada Inc. at 1-800-667-3852 or at [www.dowagro.ca](http://www.dowagro.ca).

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